

APPENDIX A: NWP 4-02

FORWARD DEPLOYABLE PREVENTIVE MEDICINE UNIT (FD-PMU)

1.1 Introduction. The Forward Deployable Preventive Medicine Unit (FD-PMU) is a rapidly deployable, task-organized, specialized preventive medicine platform that meets the operational commander's Force Health Protection needs. It includes all microbiology capabilities of the former Navy Forward Deployed Laboratory (FDL) plus many expanded capabilities, including chemical/biological/radiological/environmental (CBRE) agent detection and identification.

1.1.1 Mission and Functions. The mission of the FD-PMU is to enhance Force Health Protection by identifying and evaluating environmental health hazards (including chemical, biological, radiological, and physical agents), assessing the risk of adverse health outcomes, monitoring the health of deployed forces, and advising the operational commander concerning significant risks and recommending preventive medicine interventions needed to protect the health of the force. The FD-PMU is organized in four major functional components, each with a specific focus as follows:

1. Preventive Medicine – Serves as coordinating hub for the other components to provide recommendations regarding force protection strategies. Prevents disease outbreaks through theater surveillance data analysis, epidemiologic investigation of disease outbreaks, field sanitation expertise and assessment. Recommends interventions for prevention and control of deployment-related occupational and environmental illnesses, injuries, and diseases.

2. Chemical - Provides capabilities for detection, identification and monitoring of chemical warfare, environmental and radiological hazards and exposures during deployments.

3. Microbiology – Provides capabilities for detection, identification and testing of naturally occurring and biological warfare infectious disease agents that may be encountered during deployments, as well as laboratory diagnosis of militarily relevant public health diseases.

4. Disease Vector – Provides strategies and programs to protect deployed service members from disease vectors, to include surveillance and control of insects and animals that transmit diseases of military significance.

1.1.2 Employment. The FD-PMU functions independently of the health care delivery mission of deployed in-theater medical treatment facilities by focusing on rapid health hazard identification and threat assessment to the operational commander. The FD-PMU mission is specifically preventive vice curative. The FD-PMU is highly flexible

and mobile and is capable of tailoring its size and composition according to operational mission requirements. The FD-PMU is capable of providing the full spectrum of support for contingencies, including: Major Theater Wars (MTW), Smaller Scale Contingencies (SSC), Military Operations Other than War (MOOTW), Stability and Sustainment Operations (SASO), Host Nation Support, Humanitarian Support Operations (HSO), Peace Keeping Operations (PKO), and post-conflict scenarios.

1.1.3 Command and Control

1.1.3.1 Non-Deployed FD-PMU. Non-deployed personnel are in an additional duty status to peacetime billets, usually at Navy Environmental Preventive Medicine Units (NEPMUs), Navy Disease Vector Ecology and Control Centers (NDVECCs) and the Navy Dosimetry Center.

1.1.3.2 Deployed FD-PMU. FD-PMU personnel are under the control of an Officer in Charge (OIC). The OIC reports to the operational commander.

1.1.3.3 Activation of FD-PMU. The requesting COMBATANT COMMANDER specifies requirements to Joint Staff or Naval Component who validates and forwards to CNO (N931), who tasks the Bureau of Medicine and Surgery (BUMED) to execute utilizing the Medical Augmentation Program (MAP).

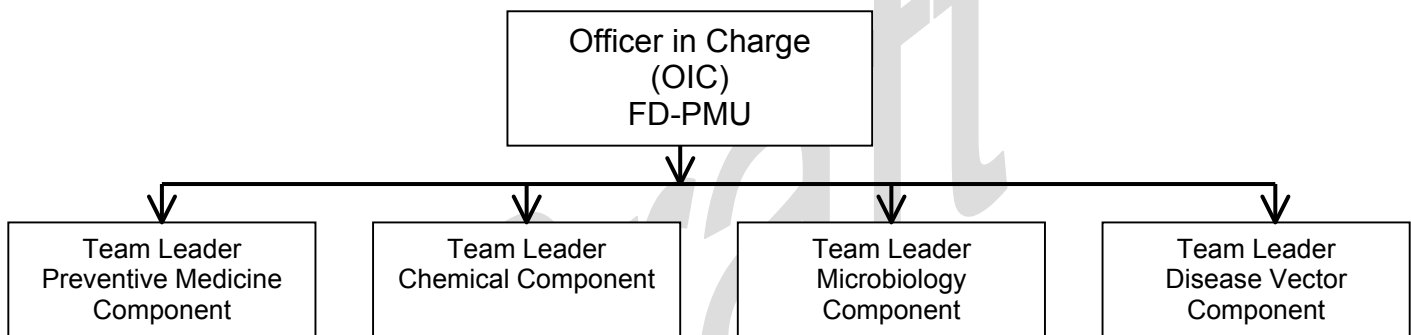
CONCEPT OF OPERATIONS

2.1 PRINCIPLES OF OPERATION

2.1.1 Medical Operations Integration. The FD-PMU is an integral part of theater Force Health Protection, as delineated in Annex Q of the OORDER.

2.1.2 Base Operating Support (BOS). The FD-PMU requires BOS.

2.2 FD-PMU Organization



2.3 Logistics Requirements. Health Service Support (HSS) logistics includes medical supplies, equipment, and services ranging from acquiring raw material, to delivering medical supplies to a FD-PMU. Supply functions for the FD-PMU will be conducted in accordance with NAVSUP P- 485.

2.3.1 Supply/Resupply. The FD-PMU will carry 3 days of sustainment and 15 days of consumable supplies and will integrate into the theater logistics system. Resupply is generally provided by the supporting unit or Combatant Commander's designated single integrated medical logistics manager (SIMLM) via the Combat Service Support Element (CSSE).

2.3.2 Equipment Maintenance/Calibration. Deployed FD-PMUs are capable of providing organizational-level and intermediate-level preventive and corrective maintenance and calibration on organic equipment. The FD-PMU will require external support for depot-level maintenance from the supported unit. Medical maintenance is scheduled and reported in accordance with the NAVMED P-5132. Civil Engineers Support Equipment (CESE) is maintained and reported IAW the "Naval Construction Force Equipment Management Manual" and NAVFAC P-404.

2.3.3 Health Service Support. Medical and dental support for FD-PMU personnel is provided by the supporting unit.

2.3.4 Force Protection. Force protection is requested from the supporting unit. Organic capability is limited to Table of Organization (TO) weapons for personal security in accordance with the Geneva Convention.

2.4 Transportation/Mobility. The FD-PMU is capable of organic transportation for data collection, and administrative/survey support. Organizational vehicles of the FD-PMU are transportable by fixed-wing aircraft and by heavy-lift rotary-wing aircraft, and provide limited mobility. External transportation support is required from the supported commander to effect FD-PMU displacement. Additional tactical airframe support for specific vector control missions may be required.

2.5 Fiscal Considerations. The Navy Component Command funds FD-PMU operational costs when deployed. OPTAR funds will be provided by the supporting component commander and controlled in accordance with NAVSO publications and established directives.

TACTICAL ORGANIZATION AND COORDINATION

3.1 CONTINGENCY/ PREDEPLOYMENT PLANNING

3.1.1 Deployment Issues

3.1.1.1 Transportation Plan. Pre-established Memoranda of Understanding (MOUs) are required with Air Port of Debarkation (APOD) to facilitate movement of equipment, consistent with the Time-Phased Force Deployment Data (TPFDD).

3.2 DEPLOYMENT/EMPLOYMENT

3.2.1 Hazardous/Biological Material. The FD-PMU operations will comply with all environmental regulations pertaining to environmental pollution and waste disposal. When operating OCONUS, the FD-PMU will comply with local laws as determined by the Operational Commander.

3.2.2 Communications and Information Systems. FD-PMUs are equipped with external communications capability. Prior to deployment, the FD-PMU program manager will coordinate and ensure operational commanders specify equipment needs for communications from the below listed organizations. This will allow the FD-PMU program manager to provide additional external communications equipment as required to meet operational needs. When deployed, FD-PMUs must have the ability to communicate internally and externally with:

- Highest level of command of units primarily supported by the FD-PMU.
- Surgeon's office of the component command possessing OPCON over the FD-PMU
- Aviation and Logistics Movement Control Agency.
- Units providing supply support to the FD-PMU.
- Supported units.
- Supporting units, both within and outside the theater.
- Other preventive medicine units in the AOR including coalition partner facilities.

3.2.3 In-Theater Logistics. Shipment of hazardous/biomedical specimens out of theater will be in accordance with current regulations and through the Operational Command's logistics system.

3.3 REDEPLOYMENT

3.3.1 Transportation. Redeployment transportation requirements will be coordinated through the Operational Commander, consistent with the Time-Phased Force Deployment Data (TPFDD).

3.3.2 Post-Deployment Critique and Lessons Learned. The FD-PMU prepares Lessons Learned in accordance with OPNAVINST 3500.37 series for incorporation into the NLLS, MCLLS, and JULLS.

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